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fessor C. A. Ruckmick, of Wellesley College, Massachusetts, to whom the proposal is due, calls attention to the progress which has followed combined intensive research in the photographic and lighting industries, and thinks that the time has come when equal advantages might be gained for acoustics. Already there exist more than a dozen American laboratories where investigations into different branches of the subject are in progress, but these could be encouraged and expanded by cooperation and concerted attacks on special problems. There is no doubt as to the scope of the work that might be undertaken. The acoustic qualities of confined areas, such as halls and chambers, improvements in telephone and phonograph reproducers, sound localization, consonance and dissonance are the mere headings of sections covering many subjects of scientific interest and practical value. We wish well to the American scheme, and would give a still more hearty welcome to a similar British scheme.

#### THE AMERICAN SOCIETY OF ZOOLOGISTS

THE American Society of Zoologists, in conjunction with Section F of the American Association and in association with other biological societies, will hold its twentieth annual meeting under the auspices of the Massachusetts Institute of Technology on Wednesday, Thursday and Friday, December 27, 28 and 29, 1922.

Zoological papers by persons not members of the society may be placed on the program on recommendation of a member of the organization. All titles should be in the hands of the secretary by November 22, accompanied by an abstract of not more than 250 words. Titles and abstracts for the genetics program should be sent to Professor L. J. Cole, Madison, Wisconsin, secretary of the genetics section of the society.

Abstracts of papers to be presented will be published for distribution before the meeting and will appear in *The Anatomical Record* for January, 1923. Non-members of the society who desire copies of the preliminary program and abstracts should notify the secretary immediately.

The biologists' smoker will be held on Wednesday evening in the Walker Memorial Building of the Massachusetts Institute of Technology. All biologists are invited. The zoologists' dinner will occur at the Parker

House on Thursday evening. Professor Kofoid will give the address. All zoologists are invited.

The Parker House will be the hotel headquarters of the society. Fifty rooms are available at rates from \$2.50 up. Reservations should be made directly with the hotel management.

W. C. ALLEE,  
*Secretary*

ZOOLOGY BUILDING,  
THE UNIVERSITY OF CHICAGO

#### SCIENTIFIC NOTES AND NEWS

DR. JACQUES LOEB, member of the Rockefeller Institute for Medical Research, has been elected an honorary member of the Société Royale des Sciences Médicales et Naturelles of Brussels.

DR. CASIMIR FUNK, associate in biological chemistry at the College of Physicians and Surgeons, Columbia University, has been elected a foreign member of the Halle Academy of Science in the division of scientific medicine.

DR. FREDERICK BELDING POWER, of the U. S. Bureau of Chemistry, has been awarded the Flueckinger gold medal by the Society of Swiss Chemists for "invaluable work on alkaloids and ethereal oil."

THE first Warren Triennial Prize of \$500 has been awarded for an essay on "The Circulation in the Mammalian Bone-Marrow," by Drs. Cecil K. Drinker, Katherine M. Drinker and Charles C. Lund, of Boston. A second prize was awarded to an essay on "The Effect of Roentgen Rays on the Nuclear Division," by Dr. James Mott Mavor, Union College. A second prize of \$250 was awarded this year because of the difficulty in determining the relative merits of the first two papers.

LADY MANSON was the recipient on September 26 of the first presentation of the medal struck in memory of Sir Patrick Manson, from funds collected by the Manson Memorial Fund. This medal, which is in bronze, bears on the obverse a profile of Sir Patrick, and the device "Tropical Medicine and Hygiene." It will be presented triennially to any specially distinguished worker in tropical medicine, the re-

cient to be selected by the council of the Royal Society of Tropical Medicine and Hygiene.

KING HAAKON of Norway has bestowed the Medal of Merit in gold on Dr. Ingeborg Rasmussen of Chicago, in recognition of her work among the Norwegians in this country.

PROFESSOR P. J. VAN RHIJN has been appointed director of the Astronomical Laboratory at Groningen.

DR. M. DORSET, chief of the Biochemic Division, Bureau of Animal Industry, Department of Agriculture, has been appointed by the United States government to cooperate in an unofficial and consultative capacity with the advisory committee on anthrax set up by the International Labor Organization.

It is announced in *Nature* that at a meeting of the Chemical Society on October 5 Professor J. F. Thorpe had been nominated to fill, until the next annual meeting, the office of treasurer, rendered vacant by the resignation of Dr. M. O. Forster, recently appointed director of the Indian Institute of Science at Bangalore. Dr. J. T. Hewitt was nominated to fill the vacancy in the list of vice-presidents caused by Professor Thorpe's appointment.

At a meeting of medical women held recently in Toronto preliminary steps were taken to form a Canadian Medical Women's Association. Dr. Sproule-Mason was appointed acting president and Dr. Isabel Ayre, of Toronto, was appointed acting secretary. Dr. Jennie Smillie attended the recent International Conference of Medical Women at Geneva as a delegate from this Canadian association.

At the Cleveland meeting of the American Pharmaceutical Association, the following grants were made from the Research Fund: To D. I. Macht, of the Johns Hopkins University, for pharmacological work on benzyl compounds, \$200; to Albert Schneider, Portland, Oregon, for chemical and pharmacological work on chaparro amargosa and on sodium cinnamate, \$200.

FRANCIS MAIDL, of the National Museum of Vienna, has been appointed curator of the

department of entomology at Cornell University.

DR. BENJAMIN C. GRUENBERG has resigned from the United States Public Health Service, Washington, where he has for the past two years worked on the government's program of sex education in high schools and colleges, to study the problems of the educational use of motion pictures with the Urban Institute, Irvington-on-Hudson, New York.

PROFESSOR WILLIAM TRELEASE, head of the department of botany of the University of Illinois, spent the past summer in a study of types of American peppers at the botanical centers of Kew, Brussels, Paris, Geneva, Berlin and Copenhagen.

DR. BARTON WARREN EVERMANN, director of the California Academy of Sciences and the Steinhart Aquarium, sailed from San Francisco on the *S. S. Maui*, on October 18, to attend the Pan-Pacific Commercial Conference held in Honolulu from October 25 to November 8. Dr. Evermann was appointed the official delegate to represent the following institutions: National Research Council, National Academy of Sciences, California Academy of Sciences, Pacific Division of the American Association for the Advancement of Science and the San Francisco Chamber of Commerce. A paper was presented by him at the conference entitled "Conservation of the marine life of the Pacific."

DR. AND MRS. ALEXANDER HAMILTON RICE are planning another expedition to South America during the coming winter, to continue their explorations.

PROFESSOR EMMANUEL DE MARGERIE, director of the Geological Survey of Alsace and Lorraine, who has just arrived in the United States, will deliver a lecture on "France's contribution to geology and geography in the last hundred years," before the Section of Geology and Mineralogy of the New York Academy of Sciences on the evening of November 6, at the American Museum of Natural History. At the last meeting of the section on October 2, Professor E. W. Berry, of the Johns Hopkins University, lectured on "The geological history of South America."

DR. AUGUSTUS TROWBRIDGE, of Princeton

University, on October 26 lectured before the Franklin Institute on "Highspeed photography of vibrations."

THE *Journal* of the American Medical Association states that the faculty of medicine of the City of Mexico recently organized a ceremony in honor of Laveran, the French army surgeon who discovered the malaria parasite. Representatives of various scientific societies, the directors of the faculties and the dean of the university took part in the tribute. Laveran died in May.

THE library committee of the New York Academy of Medicine will be glad to receive memorabilia, such as letters, manuscripts, photographs, engravings or pictures of any kind relating to the life or work of Louis Pasteur. These will be used for the academy Pasteur celebration from December 27 to January 10. All communications should be addressed to Mr. J. S. Browne, librarian.

DR. ALBERT AVERN STURLEY, instructor in physics at Yale University and formerly professor of physics at the University of King's College, Windsor, N. S., died in New Haven on October 22, at the age of thirty-five years.

COLONEL E. H. GROVE-HILLS, F. R. S., treasurer and ex-president of the Royal Astronomical Society, died on October 2.

THE death is announced of Dr. Tourneux, professor of histology at the University of Toulouse.

PROFESSOR H. BATTERMAN, formerly professor of astronomy at Königsberg University and director of the University Observatory, has died at the age of sixty-two years.

WE learn from *Nature* that in the will of Prince Albert of Monaco, who died on June 26 last, there are several gifts for scientific purposes. His farm at Sainte Suzanne is left to the French Academy of Agriculture, and the wish is expressed that the estate should remain a place for agricultural experiments, to demonstrate what science can obtain from sterile lands. Dr. Jules Richard will receive 600,000 francs to enable him to complete literary and scientific works in progress, including the re-

sults of the oceanographic cruises and the preparation of the Bathymetric Chart of the Oceans. The proceeds of the sale of the yacht *Hirondelle*, all books and publications of a scientific nature, as well as certain personal effects, will go to the Oceanographic Institutes at Paris and Monaco, while the Institute of Human Paleontology in Paris is to receive any personal effects relating to the work carried on there. The Paris Academy of Sciences will receive a million francs, the income of which is to provide a prize to be awarded every two years, the nature of the prize to be indicated by the academy, according to the needs of the moment; a like sum is bequeathed to the Academy of Medicine for a similar prize.

PROFESSOR HIRAM BINGHAM has presented to Yale University the anthropological and archeological collections of the Peruvian Expeditions. These collections are to be deposited in the Peabody Museum when the new building is erected.

THE International Congress of Americanists, which met recently at Rio de Janeiro, decided to hold the twenty-first session of the congress in 1924 in Holland. In 1925 the meeting will be held at Gothenburg, and in 1926 in Philadelphia.

At a recent meeting of the International Commission on Eugenics, held in Bruxelles, and at which there were present representatives from France, Belgium, England, Holland, Denmark, Norway and the United States, it was voted unanimously to invite the German geneticists to send representatives to the commission.

THE first number has appeared of the *Journal of Biochemistry*, published at Tokyo. It contains contributions written in English, French and German. It is published quarterly under the editorship of Samuro Kakiuchi, professor in the Tokyo Imperial University.

It is reported in the *New York Times* that at a conference in St. Paul, Minn., the Twin City pastors, representing Baptist, Congregational, Presbyterian and Lutheran churches, on October 26 voted to issue a call for a state-wide meeting of protestant ministers next week to oppose the teaching of evolution in the public

schools of Minnesota. Condemning evolution as "a program of infidelity masquerading under the name of science," resolutions were adopted urging that "Christians throughout the state appeal to the legislature to eliminate from all tax supported schools this anti-scientific and anti-scriptural theory of the origin of man and the universe." The Reverend W. B. Riley, pastor of the First Baptist Church of Minneapolis, the head of the committee calling the state gathering, said that it would be urged to start an injunction suit to prevent public schools, normal schools and the State University from receiving funds from Christian taxpayers for the teaching of evolution. This decision is reported to be the direct result of an address given on the preceding Sunday in St. Paul by William Jennings Bryan, in which the adherents of evolution were denounced.

A FEDERAL statute discontinued on December 1, 1921, all serial publications issued by executive branches of the government, excepting those especially authorized by law. Accordingly, the latest issue of the *Journal of Agricultural Research* was November 26, 1921. This journal carries reports of original research conducted by investigators of the Department of Agriculture and cooperating state experiment stations. During the last congress, an amendment to the statute was passed providing for the printing of journals or other serial publications under certain limitations, among which was included the approval of the Bureau of the Budget. Under date of October 19, 1922, General H. M. Lord, director of the Bureau of the Budget, has informed the secretary of agriculture that the use of funds from the appropriation for printing and binding of the Department of Agriculture is approved for the printing of the *Journal of Agricultural Research*, to be published weekly in the standard octavo size. Manuscripts which are now on hand will accordingly be forwarded to the Government Printing Office immediately, and it is believed that the first issue of the *Journal* of the forthcoming new volume will appear on January 6, 1923.

In 1921 Stanford University received a grant of \$20,300 from the Commonwealth Fund for a study of gifted children, to be conducted by Professor Lewis M. Terman. During the

school year of 1921-1922 approximately 1,000 children of the desired degree of superiority were located and extensive data concerning them were secured. This grant has now been supplemented by a second grant of \$14,000 from the same source, on the condition that Stanford University contribute an equal amount, which it has agreed to do. The second grant is chiefly for the purpose of securing medical, anthropological and additional psychological data, but a part of the sum is being devoted to a parallel biographical study of the childhood of men and women of genius. The total cost of the Stanford investigation will be in the neighborhood of \$50,000.

MR. SAMUEL G. LANCASTER, of Portland, Oregon, Columbia Highway engineer, has purchased and improved a tract of seventy-three acres, on the Columbia Highway, about forty miles east of Portland, known as Lancaster Camp. The home economics and service in camp is in charge of Reed College, the personnel consisting during the summer months of Reed students. Ten per cent. of the first \$1,000 earned from dining service goes to the college for scholarships, with an increase of ten per cent. for each successive \$1,000, up to the first \$4,000 earned, fifty per cent. of all such earnings thereafter going to the scholarship fund, the remainder to be used in beautifying the grounds, which are to be kept in perpetuity. The scheme was put in operation in the spring of 1922.

At the recent meeting of the American Electrochemical Society, in Montreal, an advisory committee was appointed to consult with the Bureau of Mines on its electrometallurgical research work and to recommend to the bureau lines of research and investigation. The membership of the committee is made up of the following, who are also members of the Electrothermic Division of the American Electrochemical Society: Robert Turnbull, *chairman*, J. A. Seede, Dorsey A. Lyon, F. W. Brooke, E. L. Crosby, Acheson Smith, Colin G. Fink, C. A. Schluederberg. The bureau will send monthly progress reports of its electrometallurgical work to the members of this committee. Among the suggestions for research work which the committee has already made to Dorsey A.

Lyon, chief metallurgist of the Bureau of Mines, are: specific heats at different temperatures, refractories, expanding of refractories, and spalling of refractories.

At the annual meeting of the State Federation of Pennsylvania Women on October 12, at which more than 600 women were present, the following resolution, with possibly fifteen or twenty dissenting votes, was adopted:

*Whereas*, It has been conclusively demonstrated that the health and happiness of hundreds of thousands of animals, and of many millions of human beings, have been promoted and their lives prolonged by the application of knowledge obtained through scientific experiments on animals; and

*Whereas*, These researches are conferring a wonderful boon upon the starving nations by constantly adding greatly to the food supply of the world; therefore be it

*Resolved*, That the State Federation of Pennsylvania Women, assembled in annual general convention in the city of Reading, Pennsylvania, on the twelfth day of October, 1922, hereby put on record their gratitude to medical science for past discoveries so profoundly beneficial to human beings and to animals, and we believe that such beneficent researches should be continued and encouraged.

THE State Department has issued invitations to one hundred and fifty countries to take part in an international congress on dairying to be held in this country in October, 1923. The program, in addition to topics of interest to the industry at large, will include recent advances in the sciences related to dairying and particularly the significance of milk and milk products in nutrition. The chairman of the program committee is L. A. Rogers, Dairy Division, United States Department of Agriculture, and the chairmen of the four sub-committees are: C. H. Eckles, University of Minnesota, St. Paul, Minnesota; O. F. Hunziker, Blue Valley Creamery Company, Chicago, Illinois; Fred Rasmussen, secretary of agriculture, Harrisburg, Pa.; H. C. Sherman, Columbia University, New York.

At the meeting of the League of Nations committee which was held at Geneva, it was decided that arrangements should be made to hold an international congress of the universities of all countries. The subcommittee

charged with the arrangement of this congress was instructed to prepare a report on the following topics: The exchange of professors and of students; the equivalent values of university courses and degrees; the institution of international scholarships, of international vacation courses, and of a central office for information on university matters.

## UNIVERSITY AND EDUCATIONAL NOTES

FOSTER HALL, the chemical laboratory of the University of Buffalo, designed especially to meet the needs of the electro-chemical, hydro-electric, dye and steel industries on the Niagara frontier, was dedicated on October 27 in connection with the installation of Dr. Samuel P. Capen, of Washington, as chancellor of the university. Dr. Edgar F. Smith, president of the American Chemical Society, and Dr. Edwin E. Slosson, of Science Service, were speakers at the ceremony. The laboratory, erected at a cost of a million dollars, is the gift of O. E. Foster, of Buffalo.

DR. JOHN STEWART, dean of the faculty of medicine of Dalhousie University, Halifax, laid the cornerstone of the new medical science building for Dalhousie University on September 29.

At the meeting of the Yale Corporation held on October 14, Professor Richard Swann Lull was appointed director of the Peabody Museum of Natural History for a term of five years. Professor William Ebenezer Ford was elected curator of mineralogy in the museum, to succeed Professor Edward Salisbury Dana, who retires from the curatorship after a service of nearly fifty years. The corporation passed a vote in appreciation of Professor Dana's services.

DR. G. R. LYMAN, plant pathologist in charge of the Plant Disease Survey of the U. S. Department of Agriculture, has been appointed dean of the College of Agriculture of West Virginia University, where he will have supervision of the three divisions of agricultural work of that institution, which include the resident instruction in the College of Agriculture, the work of the Agricultural Experiment Station, and of the Extension Service.